

?fam ru2071305/pn

1 Patent Groups

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1/1 WPAT - (C) Thomson Derwent

AN - 1997-371227 [34]

XP - N1997-308367

TI - Treatment of middle ear infection with labyrinth fistula - involves application of laser pulses to vestibule bone wall through bent light guide

DC - P32 P34 S05

PA - (MOEA=) MOSC EAR THROAT NOSE RES INST

IN - FEDOROVA OK; GAROV EV; TOKAREV OP

NP - 1

NC - 1

PN - RU2071305 C1 19970110 DW1997-34 A61F-011/00 3p *

AP: 1993RU-0048479 19931015

PR - 1993RU-0048479 19931015

IC - A61F-011/00 A61N-005/06

AB - RU2071305 C

Treatment is based on laser destruction of vestibular receptors. The laser pulse is applied to the bone wall through a light guide bent at the angle of 10 - 15 degrees and cut at the end at the angle of 25 -30 degrees. The pulse is applied to the ampoule or vestibule bone wall 1 - 2 mm from the fistula edge without its plastic coverage. The operation is carried out without removal of epidermis of the fistula. Three laser pulses are applied laterally and upwards. During the post-operative period the hearing is fully restored and the head movement symptoms disappear almost entirely.

- USE/ADVANTAGE - Method is used in laser treatment of middle ear infections. Hearing loss is prevented and pharmacological treatment is unnecessary. (Dwg.0/0)

MC - EPI: S05-A03A2

UP - 1997-34